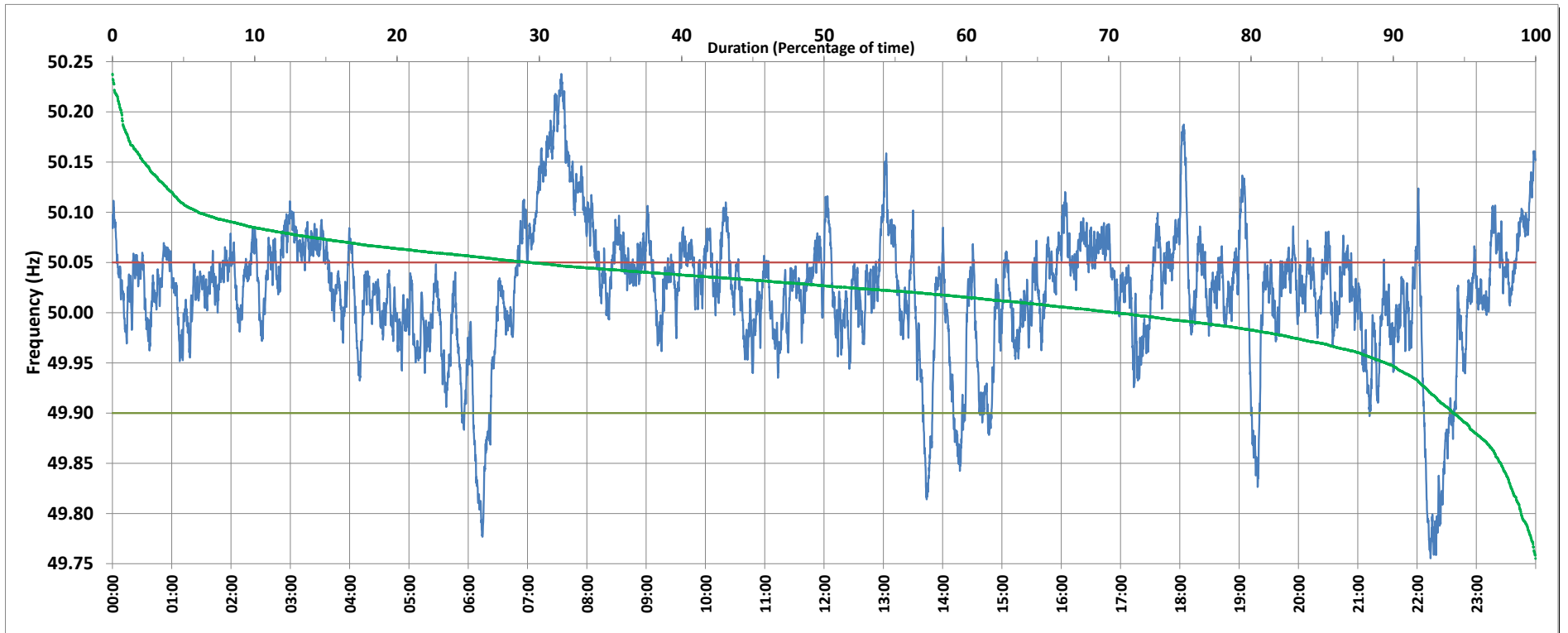


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Jun-2019 (Monday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	5.75	15.19	1.02	4.73	23.66	64.55	5.42	64.83	99.38	37.67	23.41	70.51	47.14	29.42	0.62	10.51	60.07	4.76

Average Frequency : 50.020	Frequency Variation Index : 0.0465	Standard Deviation : 0.0652	Mileage: 45.7	FDI: 35.2
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Instantaneous Frequency	
Max	50.238 7:34:10
Min	49.755 22:13:40

15 minute Average Frequency		
Max	50.183	7:45:00
Min	49.811	22:30:00

No. of excursions	
above 50.03 Hz	189
below 49.97 Hz	78
above 50.00 Hz	139
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:02:48
above 50.03	0:03:36

No. of hours freq outside 49.9-50.05 Hz	8:26:30
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)